CLAIMS

1. A system (12) for remote tuning over a network (14), comprising:
a device (18) that receives a signal (15) that comprises a plurality of channels;
a device (19) that receives a user request indicative of a desire to view at least one of the plurality of channels; and
a filter (19) that filters the received signal and transmits a user signal corresponding to the at least one of the plurality of channels to the user.

2. The system (12) set forth in claim 1, wherein the network (14) comprises a MxU network.

3. The system (12) set forth in claim 1, wherein the filter comprises a packet identifier ("PID") filter.

4. The system (12) set forth in claim 1, wherein the signal (15) is received from a satellite (20).

5. The system (12) set forth in claim 1, wherein the network (14) comprises a plurality of network set top boxes ("NSTBs").

6. A method for performing remote tuning over a network (14), the method comprising the acts of:
receiving a signal (15) that comprises a plurality of channels;
receiving a user request indicative of a desire to view at least one of the plurality of channels;
filtering the received signal to obtain a user signal corresponding to the at least one of the plurality of channels; and
transmitting the user signal to the user via the network (14).

7. The method set forth in claim 6, comprising employing a packet identifier ("PID") filter to produce the user signal.

8. A system (12) for synchronizing clocks across a network (14), comprising:

a device (18) that receives a signal (15) that comprises a plurality of packets, at least a portion of the plurality of packets comprising an embedded time stamp;

a device (19) that detects the at least a portion of the plurality of packets containing the embedded time stamp; and

a device (19) that computes an adjusted time stamp based on the embedded timestamp and a precision local clock (51) and incorporates the adjusted timestamp into the at least a portion of the plurality of packets containing the embedded timestamp prior to transmitting the at least a portion of the plurality of packets to the network (14).

9. The system (12) set forth in claim 8, wherein the at least a portion of the packets are converted into Internet Protocol ("IP") packets prior to being transmitted to the network (14).

10. The system (12) set forth in claim 8, wherein each of the plurality of packets receive a localized timestamp based on the precision local clock (51) regardless of whether they contain the embedded timestamp.

11. The system (12) set forth in claim 8, wherein the network (14) comprises a plurality of network set top boxes ("NSTBs") (44).

12. The system (12) set forth in claim 12, wherein time synchronization data is sent to the NSTBs in a transport packet.

13. The system (12) set forth in claim 12, wherein each of the NSTBs is adapted to employ the transport packet to synchronize an internal clock to the embedded time stamps based on the time synchronization data.

14. The system (12) set forth in claim 8, wherein a normalized clock rate is computed from the embedded time stamp and the precision local clock.

15. The system (12) set forth in claim 8, wherein a time adjustment factor is computed.

16. A method for synchronizing clocks across a network (14), the method comprising the acts of:

receiving a signal (15) that comprises a plurality of packets, at least a portion of the plurality of packets comprising an embedded time stamp;

detecting packets containing the embedded time stamp;

computing an adjusted time stamp based on the embedded timestamp and a precision local clock (51);

incorporating the adjusted timestamp into the at least a portion of the plurality of packets containing the embedded timestamp; and

transmitting the at least a portion of the plurality of packets to the network (14).

17. The method set forth in claim 16, comprising the act of converting the at least a plurality of packets into Internet Protocol ("IP") packets.

18. The method set forth in claim 16, comprising the act of incorporating a localized timestamp based on the precision local clock (51) into each of the plurality of packets regardless of whether they contain the embedded timestamp.

19. The method set forth in claim 16, wherein the act of transmitting the at least a portion of the plurality of packets to the network (14) comprises transmitting the at least a portion of the plurality of packets to a plurality of network set top boxes ("NSTBs") (44).